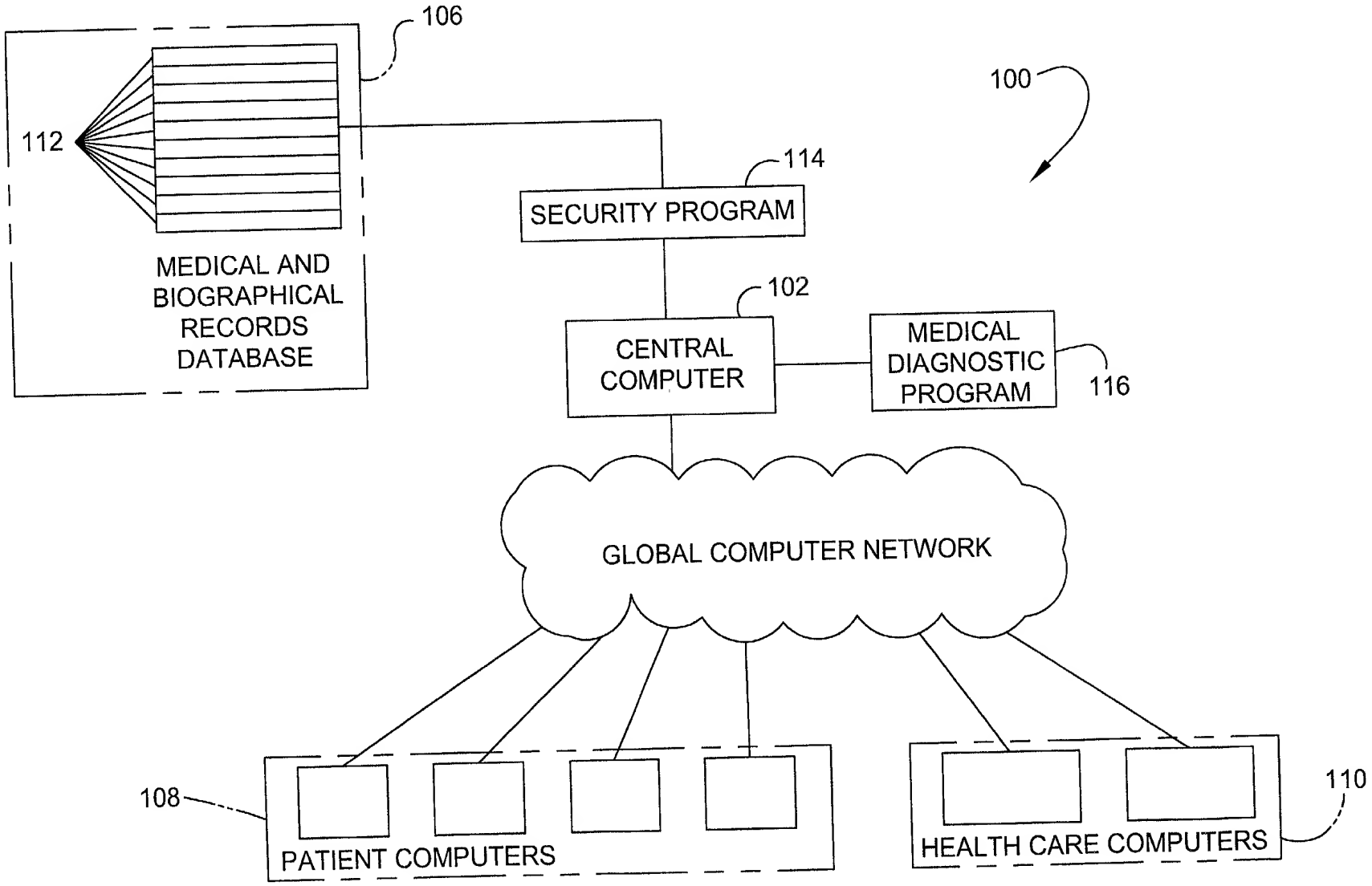
TO6T20 06T0T660

FIG. 1



EXPRESS MAIL NO. EL801512590

FIG. 2A

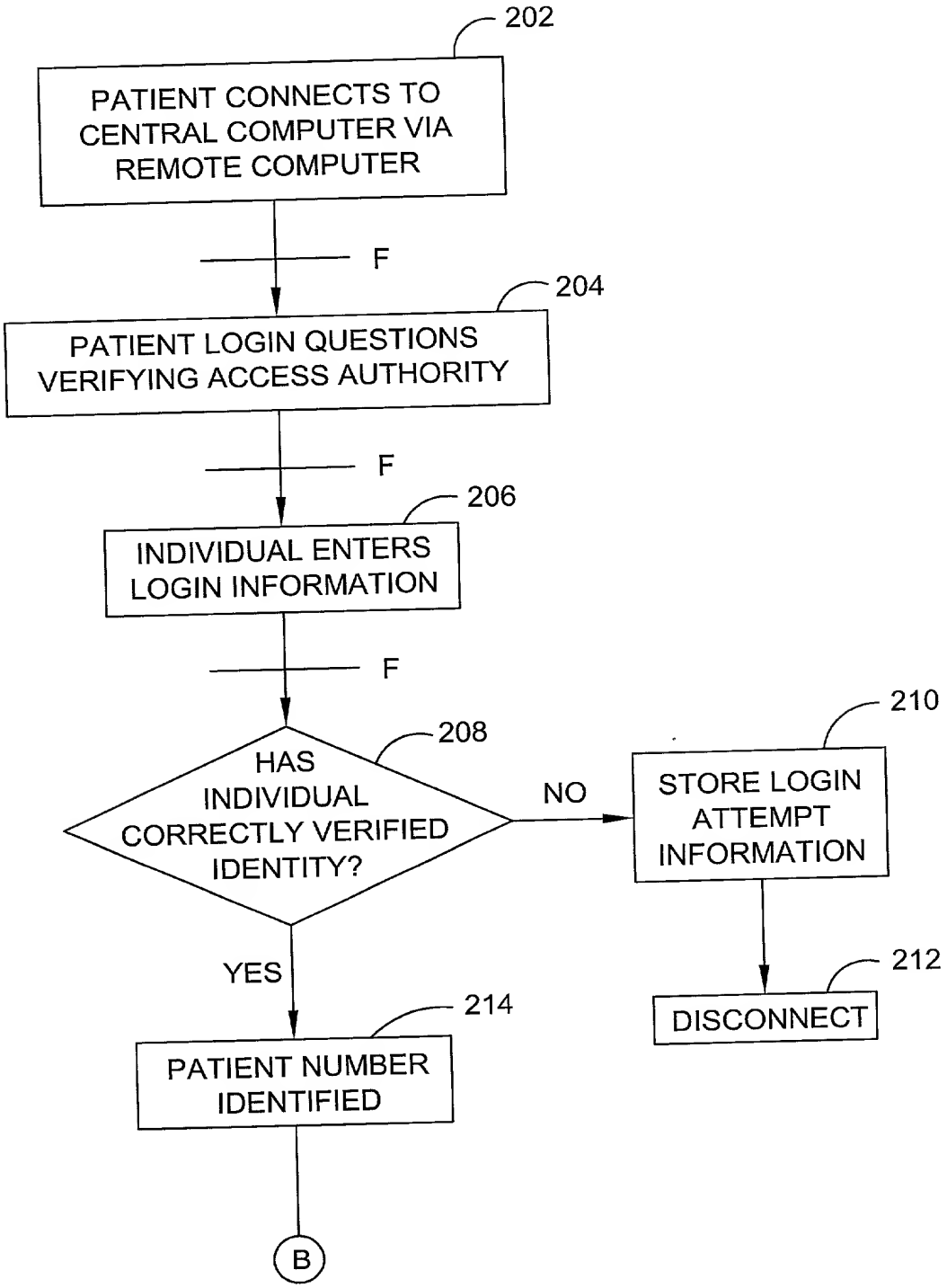

202
PATIENT CONNECTS TO CENTRAL COMPUTER VIA REMOTE COMPUTER
F
204
PATIENT LOGIN QUESTIONS VERIFYING ACCESS AUTHORITY
F
206
INDIVIDUAL ENTERS LOGIN INFORMATION
F
208
HAS INDIVIDUAL CORRECTLY VERIFIED IDENTITY?
NO
210
STORE LOGIN ATTEMPT INFORMATION
212
DISCONNECT
YES
214
PATIENT NUMBER IDENTIFIED
B

FIG. 2B

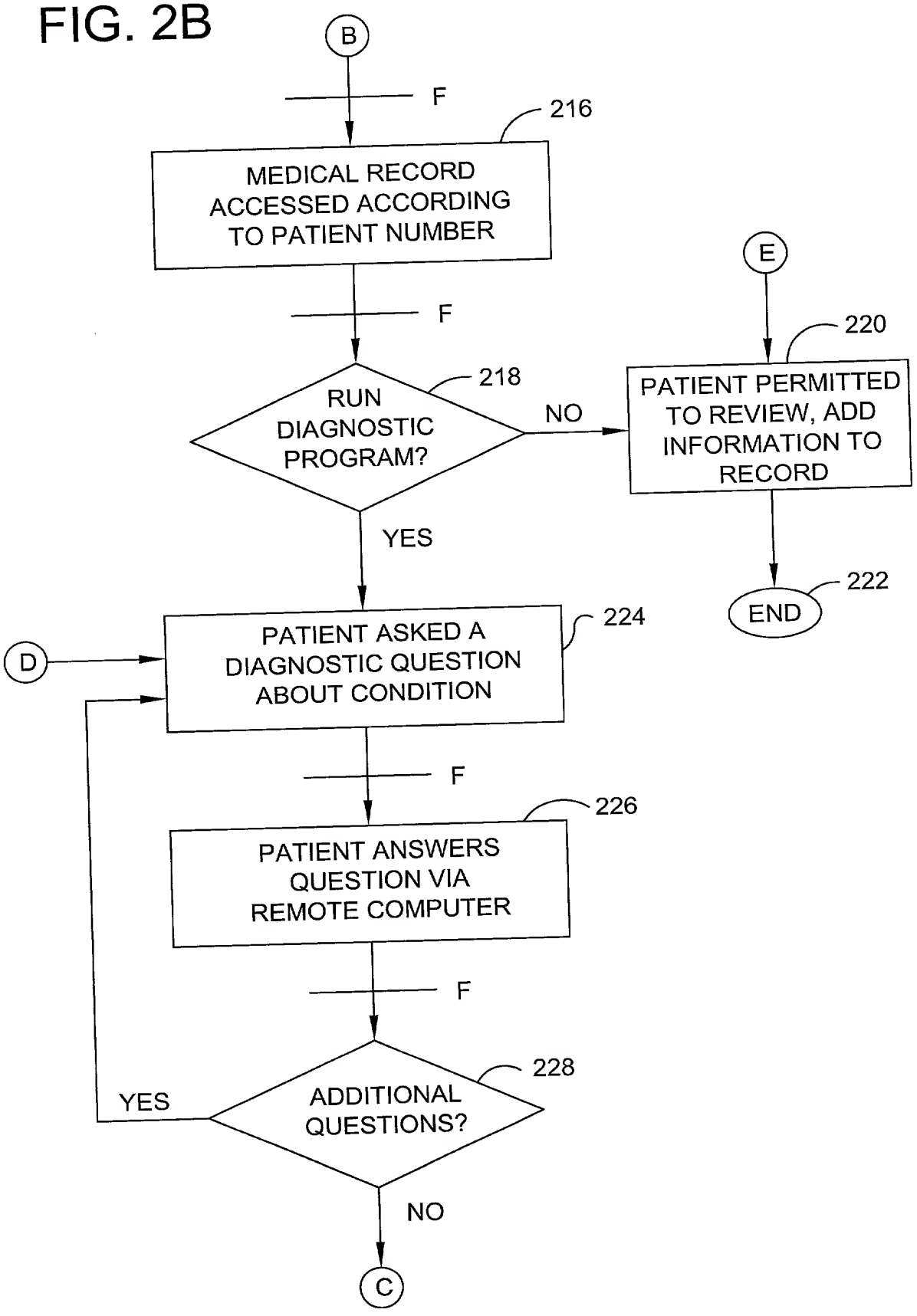

B
F
216
MEDICAL RECORD ACCESSED ACCORDING TO PATIENT NUMBER
F
218
RUN DIAGNOSTIC PROGRAM?
NO
E
220
PATIENT PERMITTED TO REVIEW, ADD INFORMATION TO RECORD
222
END
YES
D
224
PATIENT ASKED A DIAGNOSTIC QUESTION ABOUT CONDITION
F
226
PATIENT ANSWERS QUESTION VIA REMOTE COMPUTER
F
228
ADDITIONAL QUESTIONS?
YES
NO
C

FIG. 2C

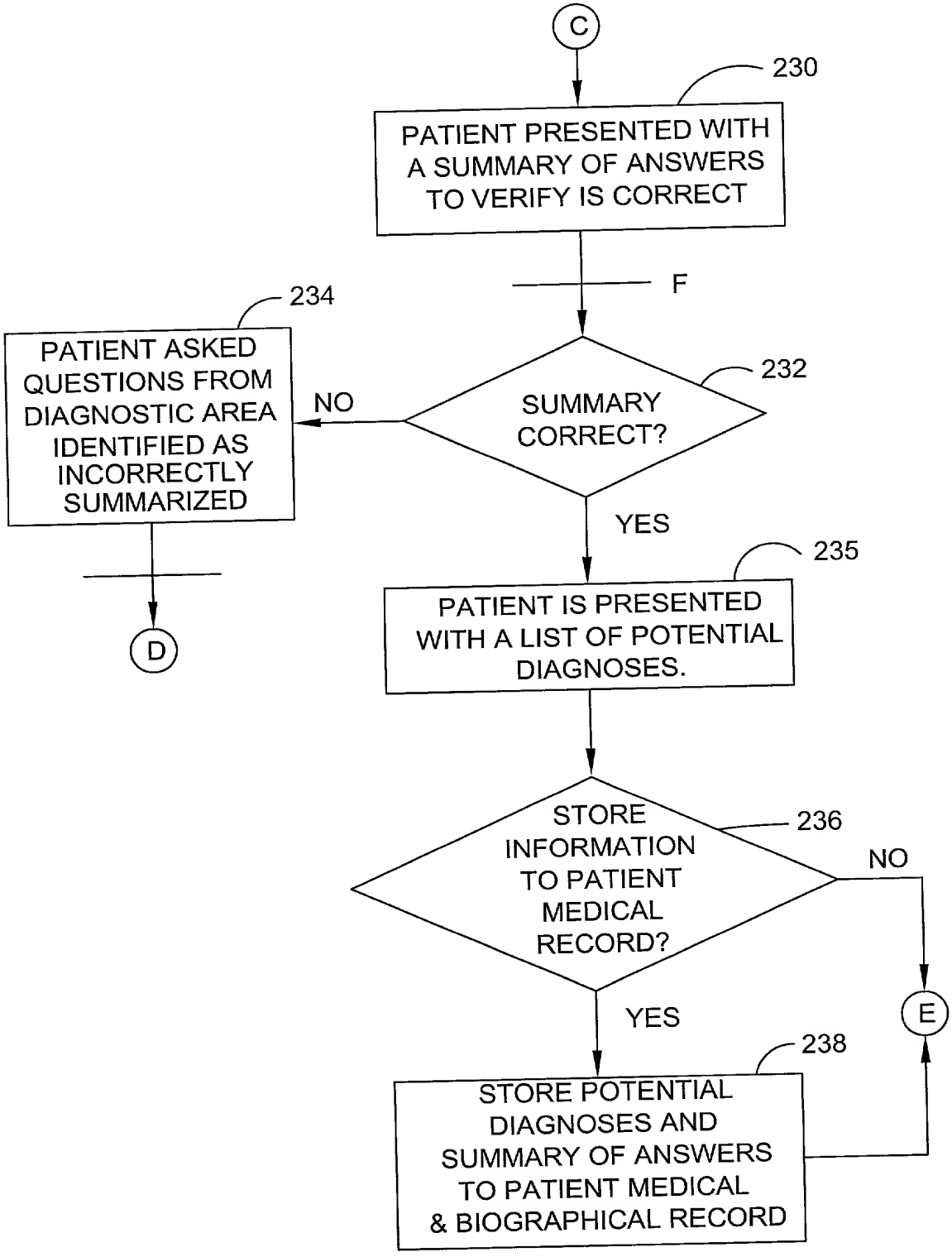

C
230
PATIENT PRESENTED WITH A SUMMARY OF ANSWERS TO VERIFY IS CORRECT
F
234
PATIENT ASKED QUESTIONS FROM DIAGNOSTIC AREA IDENTIFIED AS INCORRECTLY SUMMARIZED
NO
232
SUMMARY CORRECT?
YES
D
235
PATIENT IS PRESENTED WITH A LIST OF POTENTIAL DIAGNOSES.
STORE INFORMATION TO PATIENT MEDICAL RECORD?
236
NO
YES
E
238
STORE POTENTIAL DIAGNOSES AND SUMMARY OF ANSWERS TO PATIENT MEDICAL & BIOGRAPHICAL RECORD

FIG. 3

Diagnostic Answer Weighting Values

Answer Weighting Value	Frequency (preferred categorization)	Frequency
-10	Impossible to be connected to diagnosis	
-9	Extreme contraindication for diagnosis	Very strong indication for different diagnosis
-8	Very Strong contraindication for diagnosis	
-7	Strong contraindication for diagnosis	Strong indication for different diagnosis
-6	Definite contraindication for diagnosis	
-5	Contraindication for diagnosis	Indication for different diagnosis
-4	Extremely unlikely to occur with diagnosis	
-3	Very unlikely to occur with diagnosis	Potential indication for different diagnosis
-2	Strongly unlikely to occur with diagnosis	
-1	Unlikely to occur with diagnosis	Extremely unusual
0	Extremely rare or irrelevant to disease diagnosis	
1	Rare	Unusual
2	Infrequent	
3	Occasional	Below average
4	Often	
5	Common	Average
6	Frequent	
7	Important	Strong
8	Very important	
9	Extremely important	Very Strong
10	Indispensable	

FIG. 4A

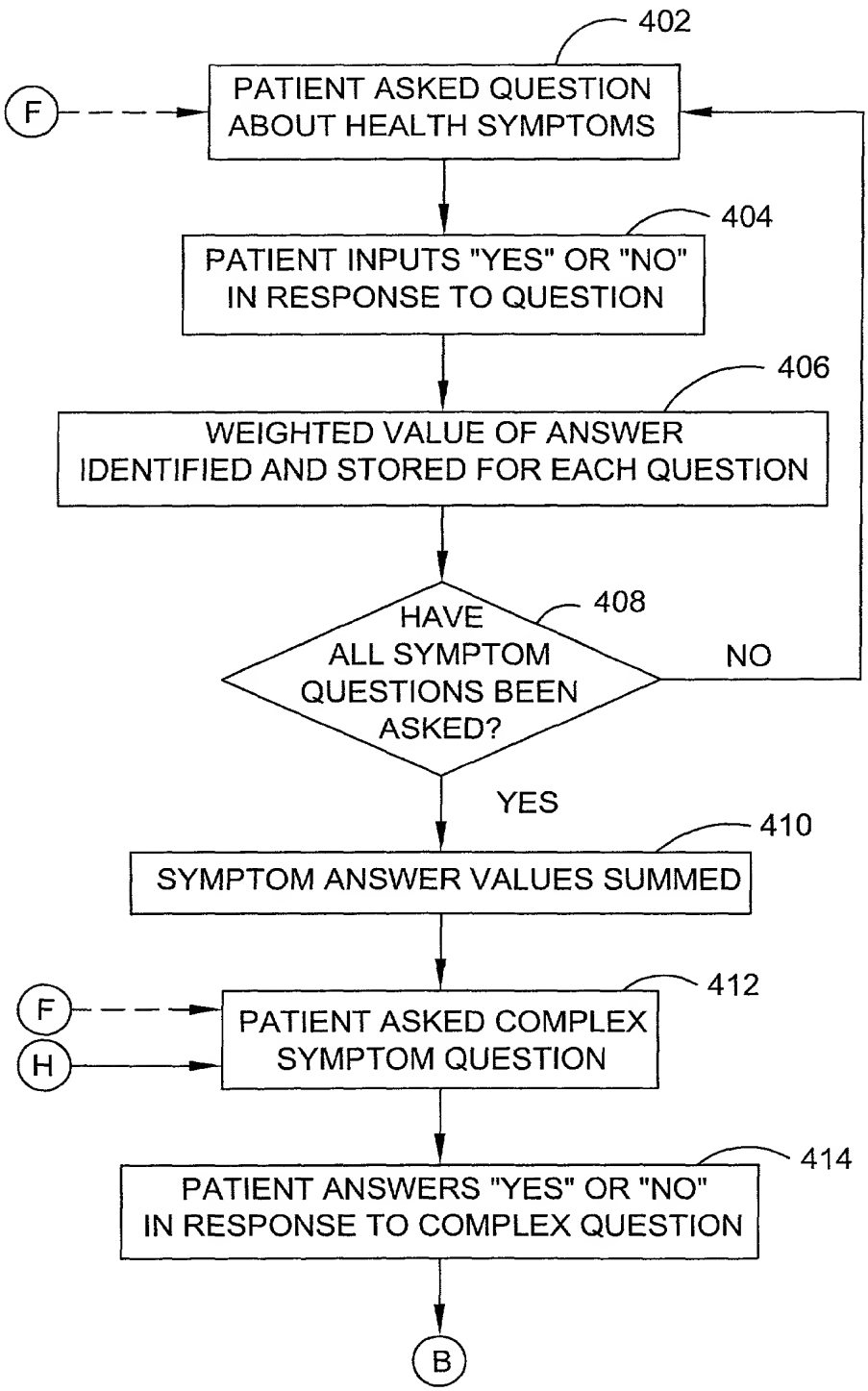

402
F
PATIENT ASKED QUESTION ABOUT HEALTH SYMPTOMS
404
PATIENT INPUTS "YES" OR "NO" IN RESPONSE TO QUESTION
406
WEIGHTED VALUE OF ANSWER IDENTIFIED AND STORED FOR EACH QUESTION
408
HAVE ALL SYMPTOM QUESTIONS BEEN ASKED?
NO
YES
410
SYMPTOM ANSWER VALUES SUMMED
412
F
H
PATIENT ASKED COMPLEX SYMPTOM QUESTION
414
PATIENT ANSWERS "YES" OR "NO" IN RESPONSE TO COMPLEX QUESTION
B

FIG. 4B

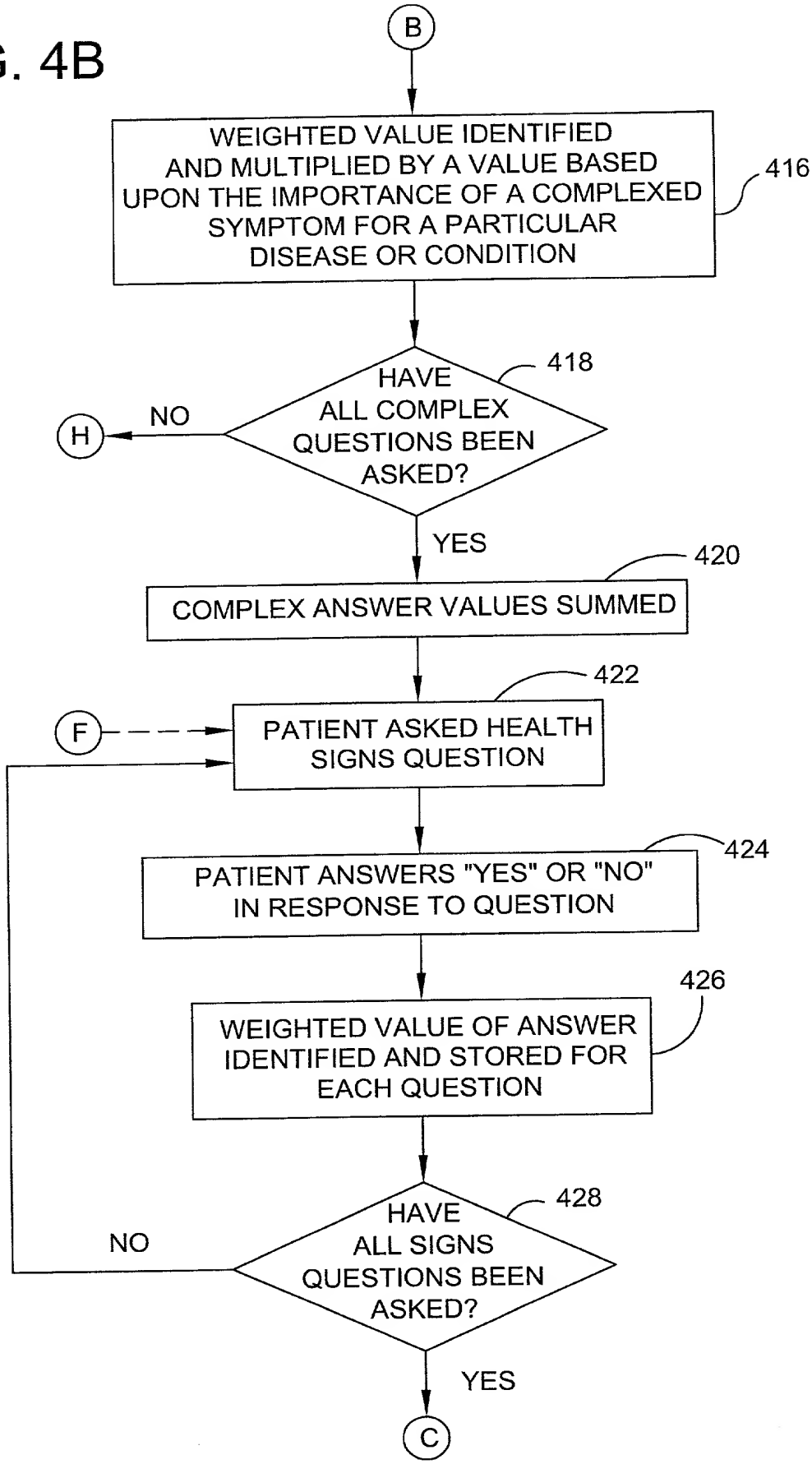

B
WEIGHTED VALUE IDENTIFIED AND MULTIPLIED BY A VALUE BASED UPON THE IMPORTANCE OF A COMPLEXED SYMPTOM FOR A PARTICULAR DISEASE OR CONDITION
416
HAVE ALL COMPLEX QUESTIONS BEEN ASKED?
418
NO
H
YES
COMPLEX ANSWER VALUES SUMMED
420
PATIENT ASKED HEALTH SIGNS QUESTION
422
F
PATIENT ANSWERS "YES" OR "NO" IN RESPONSE TO QUESTION
424
WEIGHTED VALUE OF ANSWER IDENTIFIED AND STORED FOR EACH QUESTION
426
HAVE ALL SIGNS QUESTIONS BEEN ASKED?
428
NO
YES
C

FIG. 4C

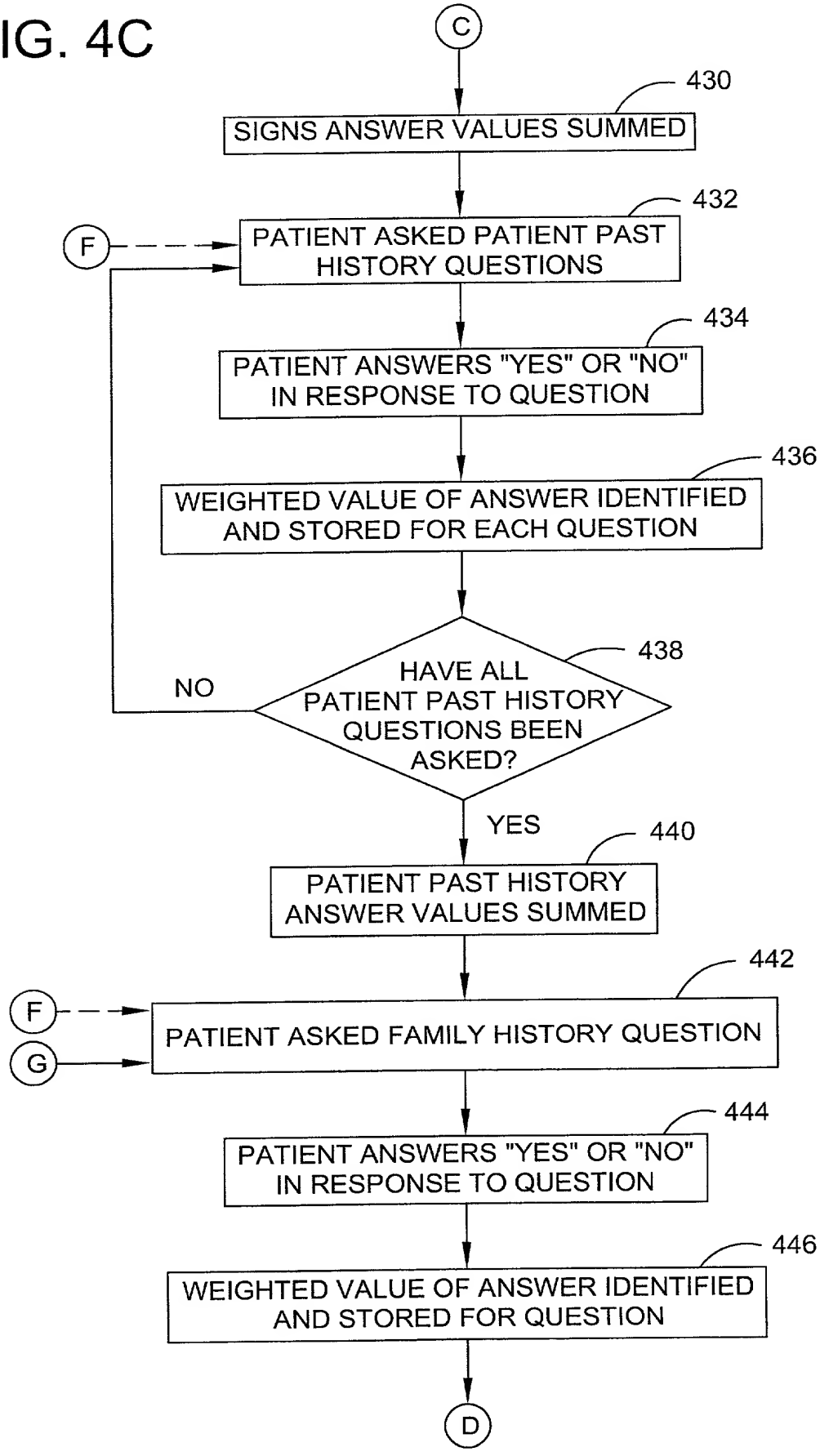

C
430
SIGNS ANSWER VALUES SUMMED
432
F
PATIENT ASKED PATIENT PAST HISTORY QUESTIONS
434
PATIENT ANSWERS "YES" OR "NO" IN RESPONSE TO QUESTION
436
WEIGHTED VALUE OF ANSWER IDENTIFIED AND STORED FOR EACH QUESTION
438
HAVE ALL PATIENT PAST HISTORY QUESTIONS BEEN ASKED?
NO
YES
440
PATIENT PAST HISTORY ANSWER VALUES SUMMED
442
F
G
PATIENT ASKED FAMILY HISTORY QUESTION
444
PATIENT ANSWERS "YES" OR "NO" IN RESPONSE TO QUESTION
446
WEIGHTED VALUE OF ANSWER IDENTIFIED AND STORED FOR QUESTION
D

FIG. 4D

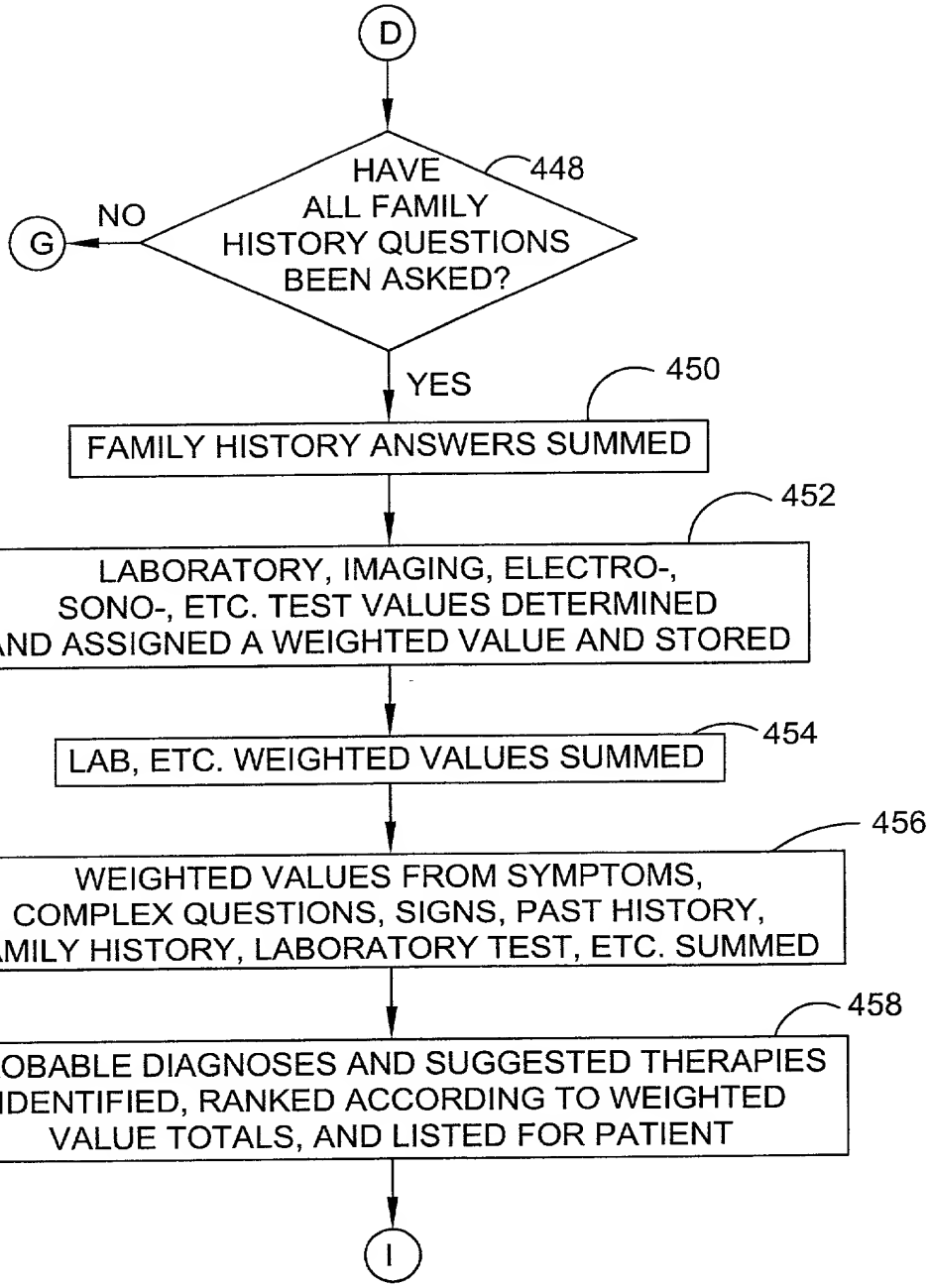
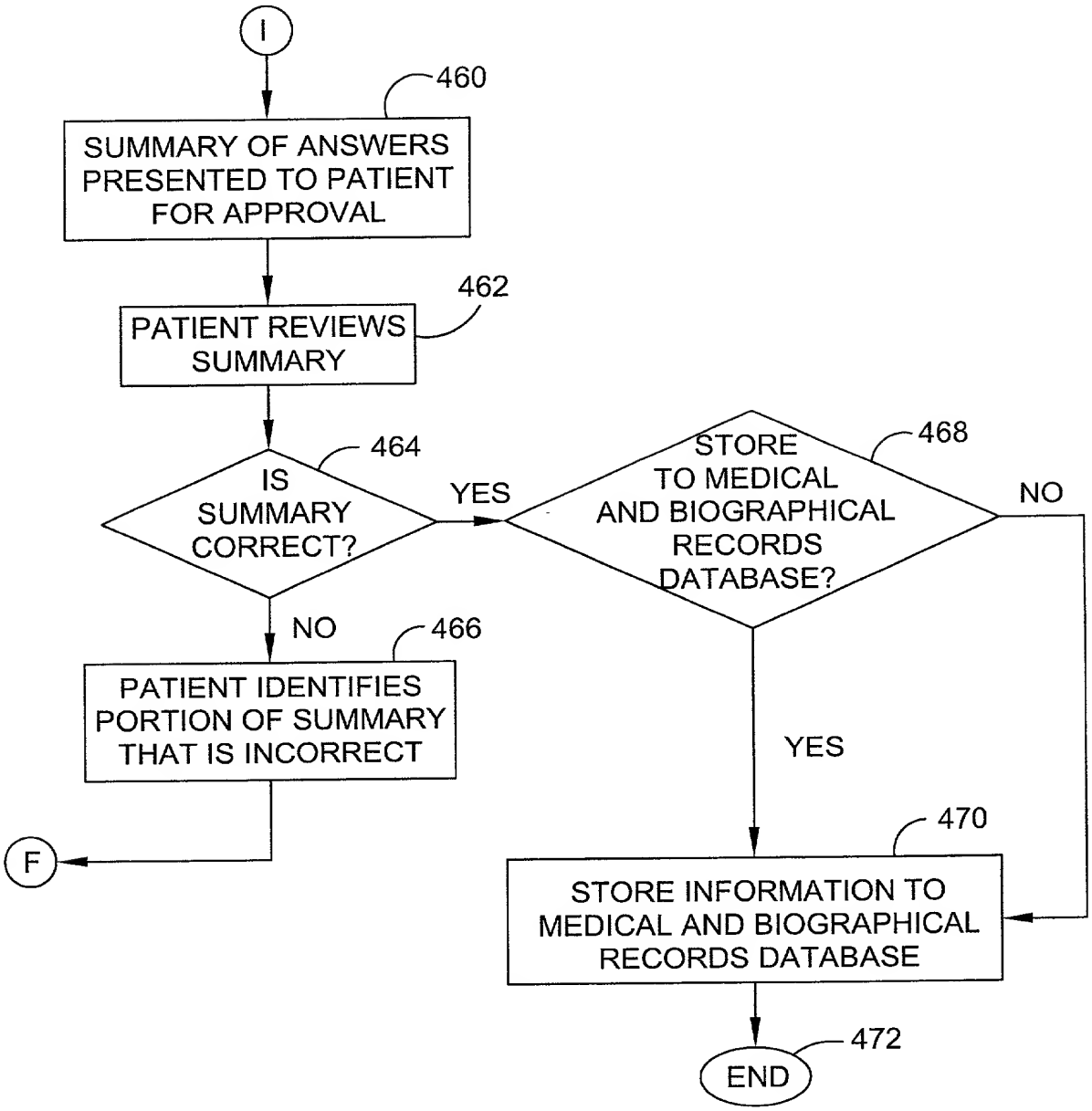
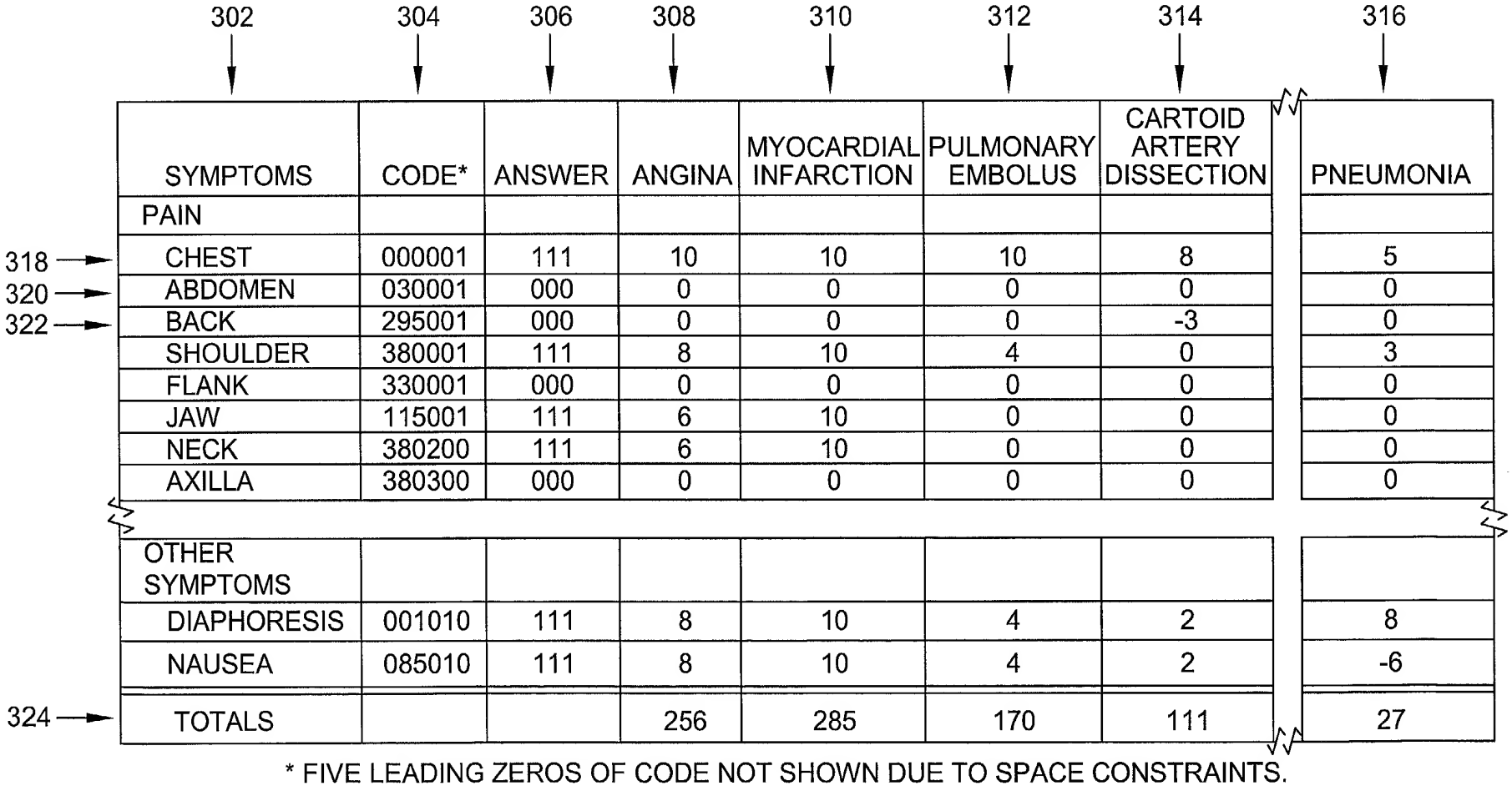

D
HAVE ALL FAMILY HISTORY QUESTIONS BEEN ASKED?
448
NO
G
YES
450
FAMILY HISTORY ANSWERS SUMMED
452
LABORATORY, IMAGING, ELECTRO-, SONO-, ETC. TEST VALUES DETERMINED AND ASSIGNED A WEIGHTED VALUE AND STORED
454
LAB, ETC. WEIGHTED VALUES SUMMED
456
WEIGHTED VALUES FROM SYMPTOMS, COMPLEX QUESTIONS, SIGNS, PAST HISTORY, FAMILY HISTORY, LABORATORY TEST, ETC. SUMMED
458
PROBABLE DIAGNOSES AND SUGGESTED THERAPIES IDENTIFIED, RANKED ACCORDING TO WEIGHTED VALUE TOTALS, AND LISTED FOR PATIENT
I

FIG. 4E


I
460
SUMMARY OF ANSWERS PRESENTED TO PATIENT FOR APPROVAL
462
PATIENT REVIEWS SUMMARY
464
IS SUMMARY CORRECT?
YES
NO
468
STORE TO MEDICAL AND BIOGRAPHICAL RECORDS DATABASE?
NO
YES
466
PATIENT IDENTIFIES PORTION OF SUMMARY THAT IS INCORRECT
F
470
STORE INFORMATION TO MEDICAL AND BIOGRAPHICAL RECORDS DATABASE
472
END

"06720"0610160

FIG. 5



	302 SYMPTOMS	304 CODE*	306 ANSWER	308 ANGINA	310 MYOCARDIAL INFARCTION	312 PULMONARY EMBOLUS	314 CARTOID ARTERY DISSECTION	316 PNEUMONIA
	PAIN							
318 →	CHEST	000001	111	10	10	10	8	5
320 →	ABDOMEN	030001	000	0	0	0	0	0
322 →	BACK	295001	000	0	0	0	-3	0
	SHOULDER	380001	111	8	10	4	0	3
	FLANK	330001	000	0	0	0	0	0
	JAW	115001	111	6	10	0	0	0
	NECK	380200	111	6	10	0	0	0
	AXILLA	380300	000	0	0	0	0	0
	OTHER SYMPTOMS							
	DIAPHORESIS	001010	111	8	10	4	2	8
	NAUSEA	085010	111	8	10	4	2	-6
324 →	TOTALS			256	285	170	111	27

* FIVE LEADING ZEROS OF CODE NOT SHOWN DUE TO SPACE CONSTRAINTS.